

8. On three new Species of Australian Marine Shells.

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(Plate XXVI.)

CYPRÆA THATCHERI, n. sp. (Plate XXVI. figs. 1, 1a.)

Shell pyriformly ovate, rather thin, markedly ventricose, base almost flat; sides steep, deeply notched; anterior end contracted and prominent; posterior end produced, narrow; aperture almost straight, except in front, rather open; teeth thick, obtuse, faint purplish white, about twenty-four on the outer edge, and confined to the margin of the aperture; on the columellar side the teeth are short, oval, blunt, and larger, becoming almost obsolete in front; cream-coloured with a cinnamon tinge, smooth and polished, variegated with rather large orange-brown spots of irregular size and irregularly distributed; the cinnamon tinge is slightly deeper at the ends; base white and perfectly smooth, sides light; extremities rather recurved; interior pinkish white.

Length 3 inches, breadth $1\frac{1}{6}$, height $1\frac{1}{8}$.

Hab. Dampier's Archipelago, West coast of Australia.

The two specimens of this beautiful species now before me, one of which I send to be figured, were obtained by Mr. C. R. Thatcher, from a fisherman who took them at the locality above recorded, about ten years ago; and, so far as I know, no other specimens have yet been found. The two specimens are exactly alike in every way, and in a fine state of preservation. The surface of the shell is uniformly covered with a smooth shining enamel, showing no trace of a dorsal opening.

VOLUTA HARFORDI. (Plate XXVI. figs. 2a, 2b.)

Shell elongated, ovate, thick; spire acuminate, short, apex papillary; whorls smooth, slanting, strongly excavated or channelled at the suture; columella four-plaited, pinkish white; aperture elongated, lip simple; pinkish white, shining, longitudinally striated by fine waved brown lines, ornamented by four bands of squarely elongated orange-brown spots on the body-whorl, and by a band of round spots of the same colour about the centre of the shell, between the upper and lower rows of squarely elongated markings.

Length $1\frac{9}{16}$ inch, breadth $\frac{1}{6}$, height $\frac{9}{16}$.

Hab. Wreck Reef, near Lady Elliott's Island.

This species in general aspect much resembles *Voluta maculata* of Swainson, but is at once distinguished from that or any other species by its channelled or excavated suture, elongated striation, and regular squarely elongated orange-brown markings.

VOLUTA SCLATERI. (Plate XXVI. fig. 3.)

Shell pyriformly oblong, ponderous; spire rather short, obtuse, papillary; whorls smooth, porcellanous, the last tending to be angled or protuberant round the upper part; columella strongly five-

